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[Family Lookup](#)**JP02038434****FLAME-RETARDING POLYOLEFIN RESIN COMPOSITION****NIPPON UNICAR CO LTD****Inventor(s): ;YOSHIDA MAMORU ;SUYA HACHIROU ;HAYASHI SOJI ;KOSHIYAMA  
TAKAO ;HASHIMOTO SATORU ;HOTTA KATSUHIRO****Application No. 63188179 , Filed 19880729 , Published 19900207****Abstract:**

**PURPOSE:** To obtain the title composition which can give a molding prevented from whitening by mixing a polyolefin resin with  $\text{Mg}(\text{OH})_2$  surface-treated with an aminosilane coupling agent.

**CONSTITUTION:** 100 pts.wt.  $\text{Mg}(\text{OH})_2$  (i) optionally treated with a surfactant and having a mean particle diameter of 0.1–15  $\mu\text{m}$ , desirably, 0.5–3  $\mu\text{m}$ , a specific surface area (BET method) of 1–20  $\text{m}^2/\text{g}$ , desirably, 5–8  $\text{m}^2/\text{g}$  is surface-treated with 0.05–3.0 pts.wt. aminosilane coupling agent (ii) (e.g.,  $\gamma$ -aminopropyltriethoxysilane) to obtain a component (i) surface-treated with component (ii). 100 pts.wt. polyolefin resin (e.g., ethylene/ethyl acrylate copolymer) is mixed with 50–300 pts.wt. desirably, 70–170 pts. wt. said component (i).

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